



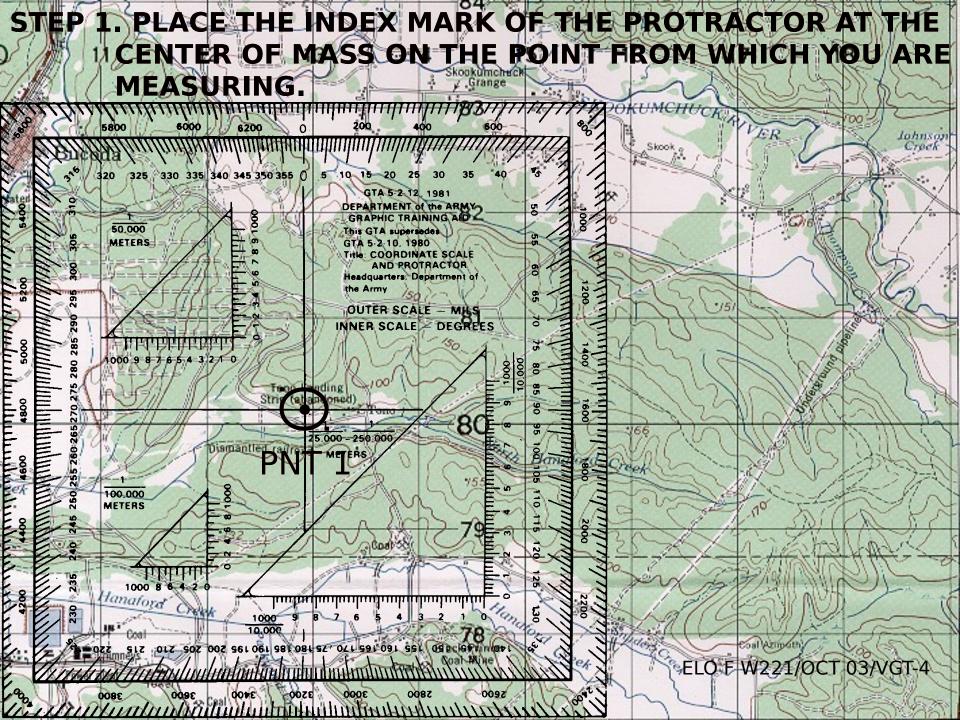
> PLOT AZIMUTH FROM A KNOWN POINT.

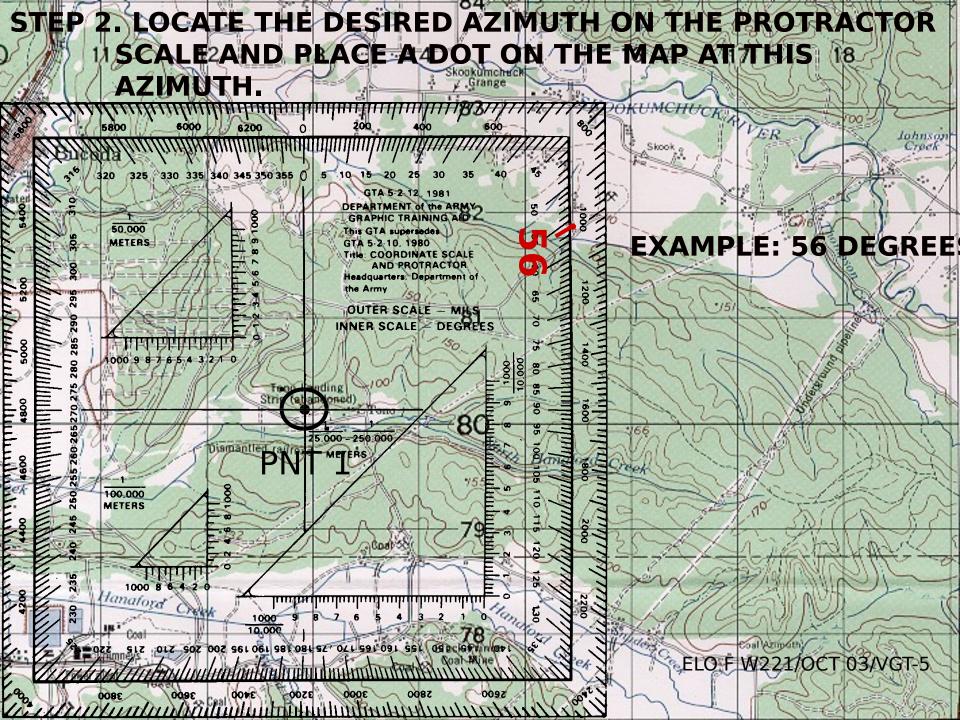
PLOT DISTANCE FROM THE KNOWN POINT ALONG THE AZIMUTH LINE.

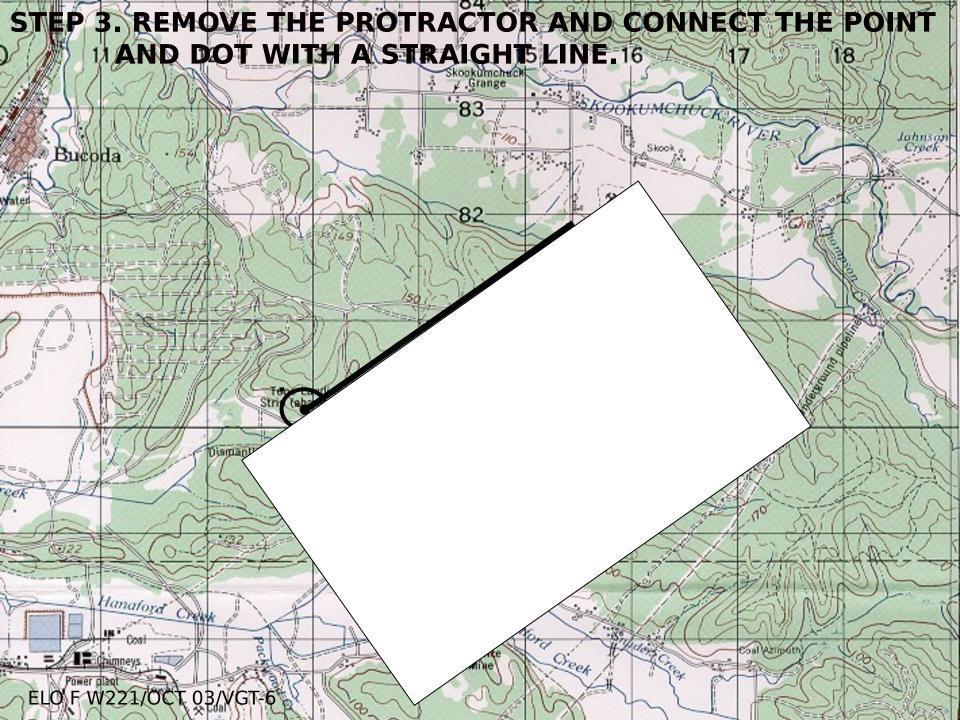
> THE POLAR COORDINATE IS AT THE END OF TH AZIMUTH/DISTANCE LINE.

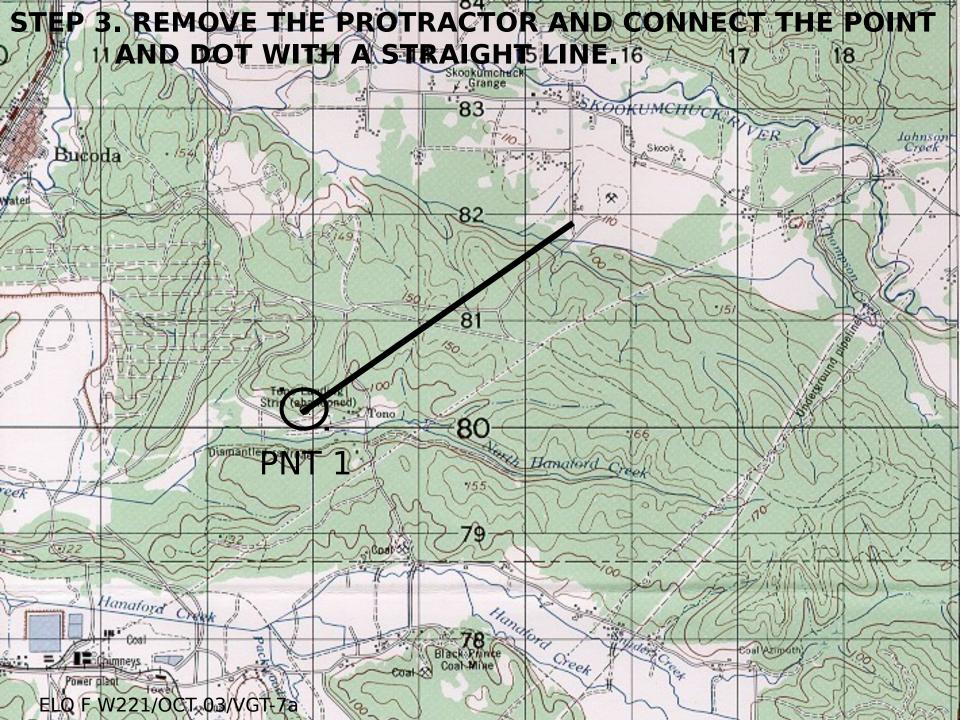
ELO F W221/OCT 03/VGT-3

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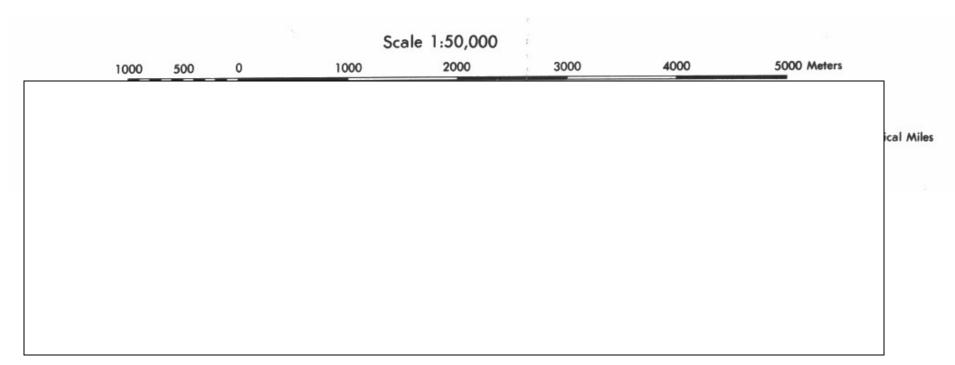






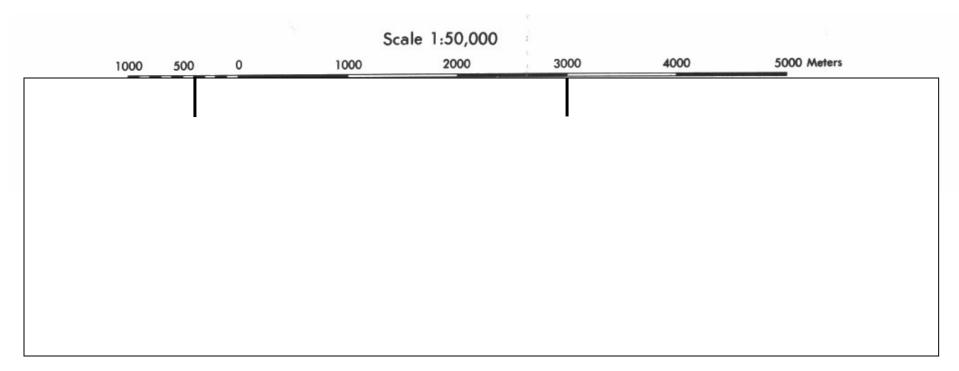
STEP 1. SELECT THE APPROPRIATE SCALE MEASUREMENT AN PLACE A PAPER STRAIGHT EDGE ON THE SCALE.

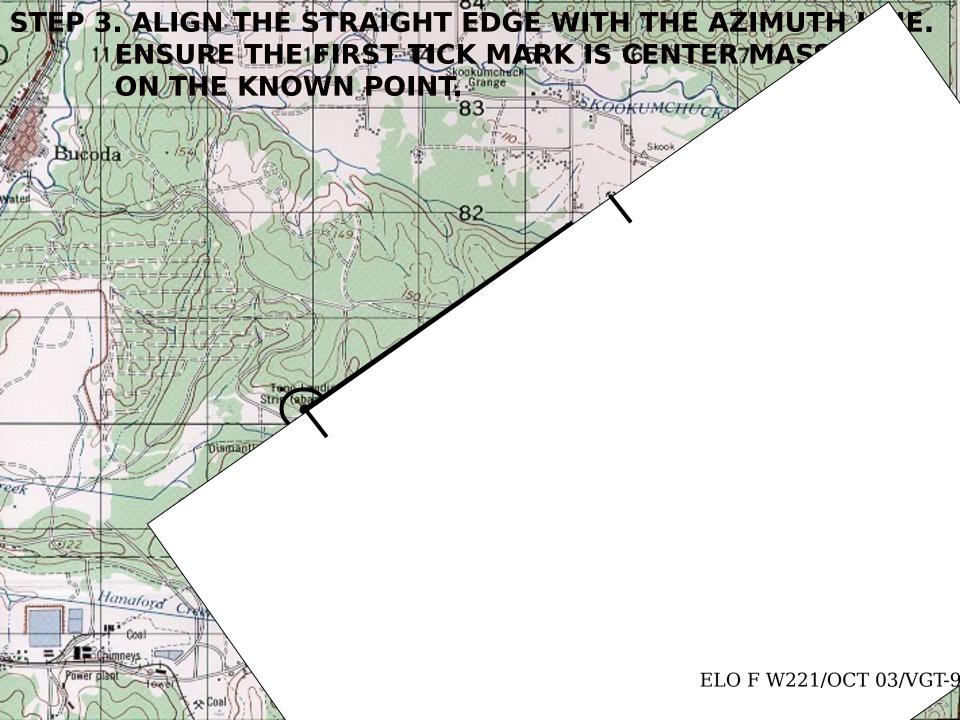
EXAMPLE: DISTANCE IN METERS

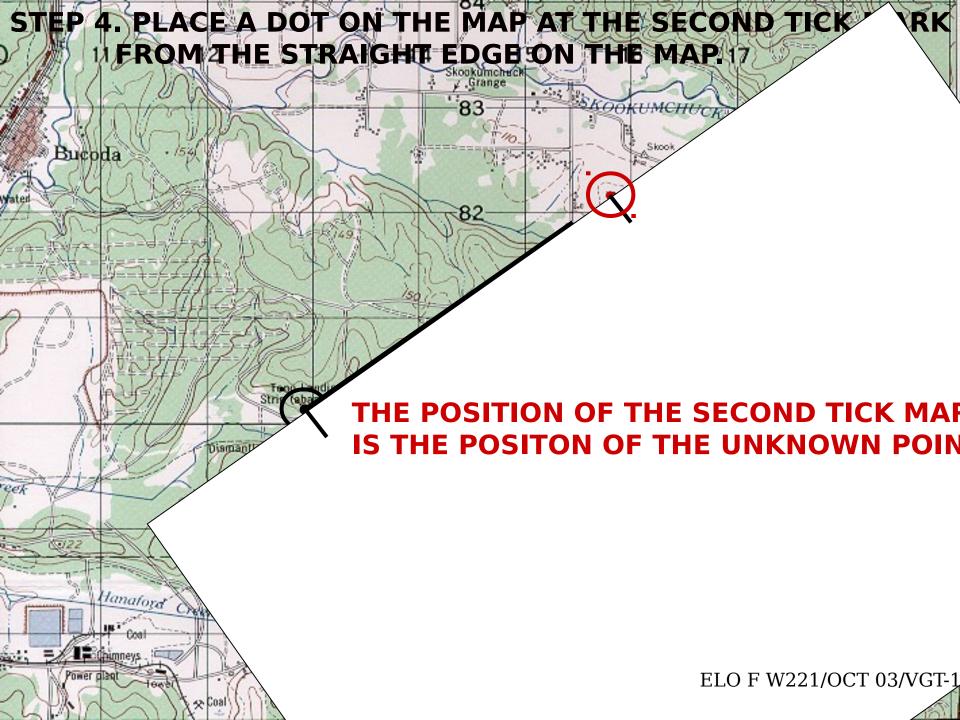


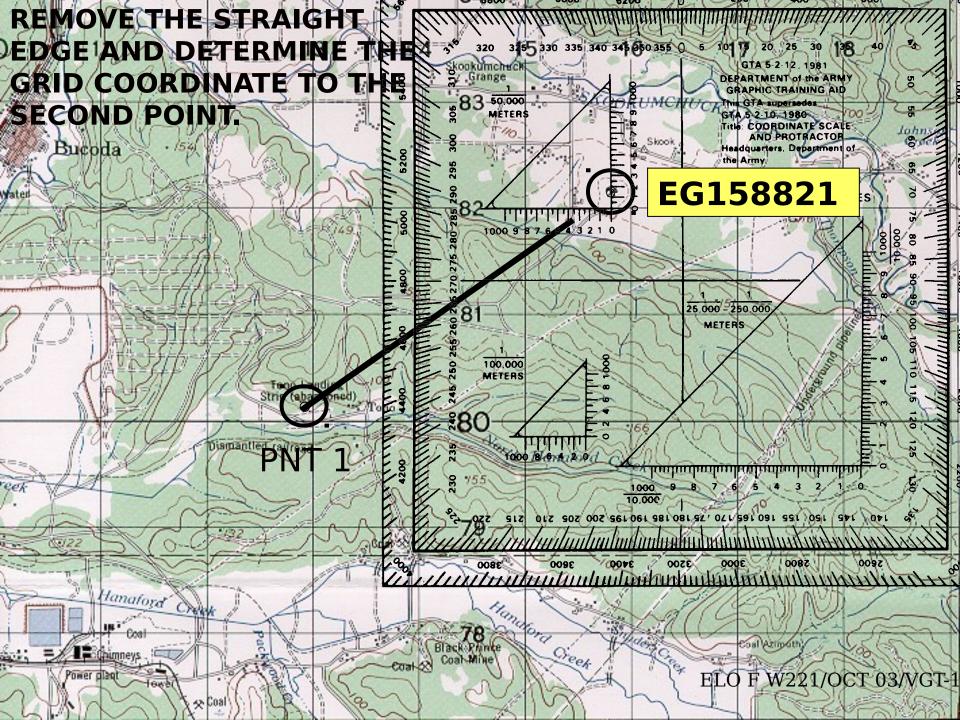
STEP 2. DETERMINE THE DESIRED DISTANCE TO MEASURE FR THE SCALE AND MARK THE PAPER AT THIS DISTANCE USING TICK MARKS.

EXAMPLE: 3400 METERS









PRACTICAL EXERCISES

QUESTION: What are the polar coordinates plotted from the horizontal control station "Skook" in grid square EG1682 at an azimuth of 272 degrees and a

ANSWER: dietense 263100 meters?

QUESTION: What are the polar coordinates plotted from the water tower in grid square EG1185 at an azimuth of 46 degrees and a distance of 2000

ANSWER: MEG95 358695

QUESTION: What are the polar coordinates plotted from the water tower in grid square EG1185 at an azimuth of 81 degrees and a distance of 3150 meters?

ANSWER: EG14658605

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